(GAL) (GAL) (RAD) PEPVERLICGIC PRAPDNEDYL HEVGCKLAHL AEAIHVEFEY RG.FVANTLA DLDAS MLELRPSEIE SVANNSVFEL HKLLGRPGAI DKVLGVWNQI (RAD) PEPSFRLICGIC PRAPDNEDYL HEVGCKLAHL AEAIHVEFEY RG.FVANTLA DLDAS MLELRPSEIE SVANNSVFEL HKLLGRPGAI DKVLGVWNQI (RADL) (RADL) PEPSFRLICGIC PRAPDNEDYL HEVGCKLAHL AEAIHVEFEY RG.FVANTLA DLDAS MLELRPSEIE SVANNSVFEL HKLLGRPGCI EKVFCWVNQI (RADL) (RADL) (RADL) PEPSFRLICGIC SYLTDI QEVGWKLGQL ASTIGWNPEF KS.IAINNED DLKPE MLDIRBG.LE SVANNSVFEL HKLLKNDEKL RFLEKRVSM (RADL) (GAL)	600 DKVLGVVNQI DKVLGVVNQI EKVFGVVKQI DKFLSTIKSI RIFLHRVKSM	700 AHIGSNAF AHIGSNAF AHLGSNAF VSIGSNAY VALSPFAL ISLAGNAA	
PPVFRLTGIG PPAPDNEDYL PPVFRLTGIG PPAPDNEDYL PPSFRLTGIG PPAADNSDHL PPDFRLTGIG YSLTDI .PTLRITGIGTSMEAL 601 KPEIFTVVEQ ESNHNSPIFL KPEIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPALITALER ROGEGYRVE KQASMLLALF RQASMLLALF RQASMLALF RQASMLLALF RQASMLALF RQASM	LLGRPGAI DK LLGRPGAI DK LLGRTGGI EK LLAHPGSI DK LLKDREKL RI	NRFGSAGF AANRFGSAGF AANRFGSAGF AANRFGLGGF KEVMLRSCGF SCHOOLEGF KEVMLRSCGF KG	
PPVFRLTGIG PPAPDNEDYL PPVFRLTGIG PPAPDNEDYL PPSFRLTGIG PPAADNSDHL PPDFRLTGIG YSLTDI .PTLRITGIGTSMEAL 601 KPEIFTVVEQ ESNHNSPIFL KPEIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPALITALER ROGEGYRVE KQASMLLALF RQASMLLALF RQASMLALF RQASMLLALF RQASMLALF RQASM	AVNSVEEL HK AVNSVEEL HK AVNSVEEL HK AVNSVEEL HF AINCVEYL HR	ERHETLSO WHERHETLSO WEERHETLSO WEERHETLSO WEERHETLNO WEERHETLNO WEERHERES WESSEVKFES WE	
PPVFRLTGIG PPAPDNEDYL PPVFRLTGIG PPAPDNEDYL PPSFRLTGIG PPAADNSDHL PPDFRLTGIG YSLTDI .PTLRITGIGTSMEAL 601 KPEIFTVVEQ ESNHNSPIFL KPEIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPALITALER ROGEGYRVE KQASMLLALF RQASMLLALF RQASMLALF RQASMLLALF RQASMLALF RQASM	LELRPSEIE SY LELRPSEIE SY LELRPSETE AV LDIRPG.LE SY IVLLPDE TI	NVVACDGPD RV NVVACDGPD RV NLVACEGPD RV NLVACEGED RV DIVAMEGDK RF	
PPVFRLTGIG PPAPDNEDYL PPVFRLTGIG PPAPDNEDYL PPSFRLTGIG PPAADNSDHL PPDFRLTGIG YSLTDI .PTLRITGIGTSMEAL 601 KPEIFTVVEQ ESNHNSPIFL KPEIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPALITALER ROGEGYRVE KQASMLLALF RQASMLLALF RQASMLALF RQASMLLALF RQASMLALF RQASM	DLDAS M DLDAS M DLDAS M DLKPE M DHDEDPSIIS S	4SEVYLGKQI C 4SEVYLGKQI C 4SEVYLGKQI C 4SELFLGRQI L 7EQVWFGREI V	
PPVFRLTGIG PPAPDNEDYL PPVFRLTGIG PPAPDNEDYL PPSFRLTGIG PPAADNSDHL PPDFRLTGIG YSLTDI .PTLRITGIGTSMEAL 601 KPEIFTVVEQ ESNHNSPIFL KPEIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPALITALER ROGEGYRVE KQASMLLALF RQASMLLALF RQASMLALF RQASMLLALF RQASMLALF RQASM	RG. EVANTLA RG. EVANTLA RG. EVANSLA KS. IALNNLS HPLYIANNH CP. LAEKVG	. VPSGQDKV VPSGQDKV APSSQDKV PPS. QDRV LPPGSRERMT	746 KLSTN~ KLSTN~ KLSAVH RINRVE R~~~~~
PPVFRLTGIG PPAPDNEDYL PPVFRLTGIG PPAPDNEDYL PPSFRLTGIG PPAADNSDHL PPDFRLTGIG YSLTDI .PTLRITGIGTSMEAL 601 KPEIFTVVEQ ESNHNSPIFL KPEIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNSPIFL KPALITALER ROGEGYRVE KQASMLLALF RQASMLLALF RQASMLALF RQASMLLALF RQASMLALF RQASM	AEAIHVEFEY AEAIHVEFEY AEAIHVEFEY ASTIGVNFEF AHSLGLRFQF	STLFDSLEG. STLFDSLEG. STLFDSLEG. SSLFDSLEG. TAVFDSLEAT	TRPLIATSAW TRPLIATSAW TRPLITTSAW TRPLIATSAW NQPLFSISSW DLSLLTASAW
	PPAPDNEDYL PPAADNSOHL YSLTDINDLDTL	ESNHNSPIFL ESNHNSPIFL ESNHNGPVFL EANHNGTVFL EANHNHPLFL	NGGEGYRVEE NGGEGYRVEE NGGEGYRVEE AGADGYNVEE YPSEGYOLGV
(GAI) (RGA) (RGAL) (RGAL) (LS) (SCARECROW) (RGAL) (RGAL) (RGAL) (RGAL) (SCARECROW) (BZH-wild type) (RGAL) (GAI) (RGAL) (GAI) (GAI) (RGAL) (GAI) (GAI) (GAI) (GAI) (GAI) (RGAL) (SCARECROW) (LS) (SCARECROW)	501 PPVFRLTGIG PPVFRLTGIG PPSFRLTGIG PPDFRLTGIG . PTLRITGTG	601 KPEIFTVVEQ KPVIFTVVEQ RPDIMTVVEQ NPKIVTIAEK	701 KQASMLLALF KQASMLLALE KQASTLLALF KQASMLLALY SQAKLLLRLH TQATLLLGMF
<u> </u>	{GAI} {RGA} BZH-wild type} {RGAL} {LS}	(GAI) (RGA) (BZH-wild type) (RGAL) (RGAL) (LS)	(GAI) {RGA} BZH-wild type} {RGAL} {RGAL} {LS}

Figure 1 (cont.)